

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

June 10, 1982

Mr. E. W. Gynn
Minerals Management Service
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Re: NGC #11-311 Federal
NW NW Section 31, T9S, R18E
Uintah County, Utah
Pleasant Valley area

Gentlemen:

Enclosed are the following documents relating to drilling the above captioned well:

- 1) Application for Permit to Drill
- 2) Surveyor's Plat
- 3) Ten Point Plan
- 4) BOP and Pressure Containment Specifications
- 5) 13 Point Surface Use Plan

Your early consideration and approval of this application would be appreciated. Should you require additional information, please contact this office.

Sincerely,

Rick Canterbury

Rick Canterbury
Associate Engineer

/sr

Encls.

cc: Operations
C. T. Clark
E. R. Henry

RECEIVED

JUN 14 1982

**DIVISION OF
OIL, GAS & MINING**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Natural Gas Corporation of California

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

585' FNL and 585' FEL (NW $\frac{1}{4}$ NW $\frac{1}{4}$) Section 31, T9S, R18E

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 20 miles southeast of Myton, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 585'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5650'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5273' Un. Gr.

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#, K-55	300'	To Surface
7-7/8"	5-1/2"	17#, N-80	TD	As required to protect oil shale and producing formations

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Rick Canterbury
Rick Canterbury

TITLE Associate Engineer

DATE

June 10, 1982

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

E. W. Gynn

FOR E. W. GYNN

TITLE DISTRICT OIL & GAS SUPERVISOR

DATE

JUL 8 1982

CONDITIONS OF APPROVAL, IF ANY:

cc: MMS; Div. OG&M; Operations, CTCLark, ERHenry

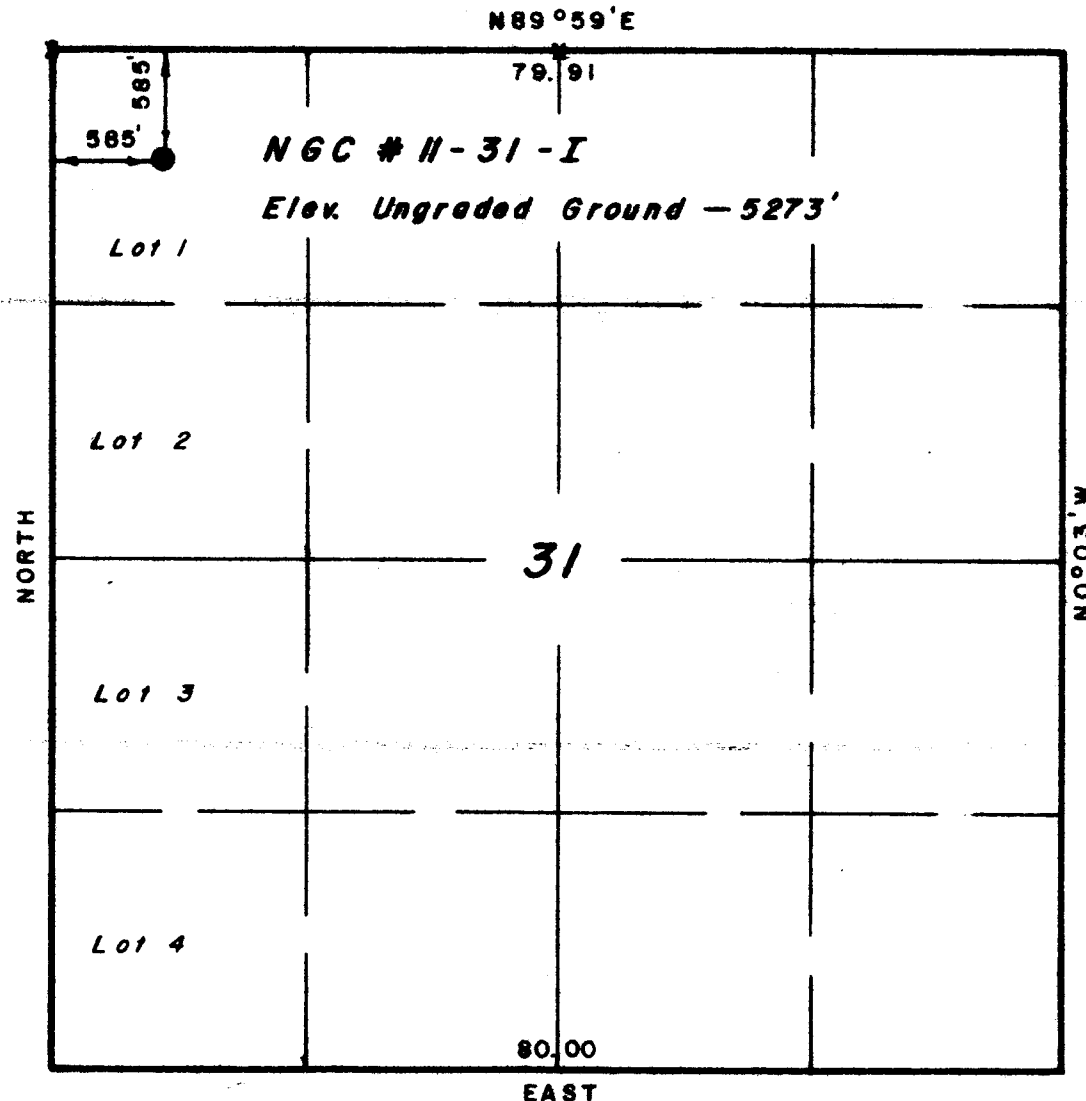
NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPYFLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80*State Oil & Gas*

T 9 S, R 18 E, S.L.B. & M.

PROJECT
NATURAL GAS CORP. OF CALIF.

Well location, *N.G.C. # 11-31-I*,
located as shown in Lot 1, Section 31,
T 9 S, R 18 E, S.L.B. & M. Uintah County,
Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF

Lawrence C. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	6 / 3 / 82
PARTY	R.K. B.K. S.B.	REFERENCES	GLO Plat
WEATHER	Warm & Windy	FILE	NATURAL GAS CORP.

X = Section Corners Located

650 000
FEET

Pariette

TRAI

OLD

INDIAN

TREAT

BOUNDAR

R.18

Water Source

OR Well:

peak

Draw

Proposed Access
Route on Existing
Road

Proposed Location is 6 miles from this point.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK. DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

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At proposed prod. zone

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(Also to nearest drlg. unit line, if any) 585'

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5650'

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12-1/4"	9-5/8"	36#, K-55	300'	To Surface
7-7/8"	5-1/2"	17#, N-80	TD	As required to protect oil shale and producing formations

5. LEASE DESIGNATION AND SERIAL NO.
U-21534
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Federal
9. WELL NO.
NGC #11-311
10. FIELD AND POOL, OR WILDCAT
Pleasant Valley WILDCAT
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 31, T9S, R18E
12. COUNTY OR PARISH
Uintah
13. STATE
Utah

17. NO. OF ACRES ASSIGNED TO THIS WELL
40
20. ROTARY OR CABLE TOOLS
Rotary
22. APPROX. DATE WORK WILL START*
X

RECEIVED
JUN 14 1982

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 6/21/82
BY: [Signature]

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Rick Canterbury TITLE Associate Engineer DATE June 10, 1982
(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:
cc: MMS; Div. OG&M; Operations, CTCLark, ERHenry

Ten Point Plan
 NGC #11-311 Federal
 NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 31, T9S, R18E
 Uintah County, Utah

1. Surface Formation: Uintah
2. Estimated Formation Tops and Datum:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Uintah	Surface	5287' KB
Green River Fm	987'	+4300'
Oil Shale Facies	1702'	+3585'
Delta Facies	2728'	+2559'
Green Shale Marker	3714'	+1573'
Black Shale Facies	4827'	+ 460'
Green River Lime	5218'	+ 69'
Wasatch	5447'	- 160'
TD	5653'	- 366'

3. Producing Formation Depth:
 Green River and Wasatch Formation

4. Proposed Casing Program:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/Ft.</u>	<u>Setting Depth</u>	<u>Casing New/Used</u>
12-1/4"	9-5/8"	36#	300'	New
7-7/8"	5-1/2"	17#	TD	New

5. BOP and Pressure Containment Data: A 3000 psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from under the 9-5/8" surface casing. BOP system, including the casing, will be pressure tested to a minimum of 3000 psi for 30 minutes prior to drilling and will be mechanically checked daily during drilling operations.

6. Mud Program:

<u>Interval</u>	<u>Mud Weight lbs./gal.</u>	<u>Viscosity Sec./Qt.</u>	<u>Fluid Loss ML/30 mins.</u>	<u>Mud Type</u>
0 - 300' 300'-TD	Clear Water 9.5	---- 35	No Control 10cc or less	Water/Gel Brine

7. Auxiliary Equipment: Upper kelly cock, full opening stabbing valve, 2-1/2" choke manifold, and pit level indicator.

8. Testing, Coring, Sampling and Logging:

- a) Testing: None planned
- b) Coring: One core possible in the Lower Green River formation.
- c) Sampling: Cutting samples will be collected at 10' intervals from surface casing to TD.
- d) Logging:

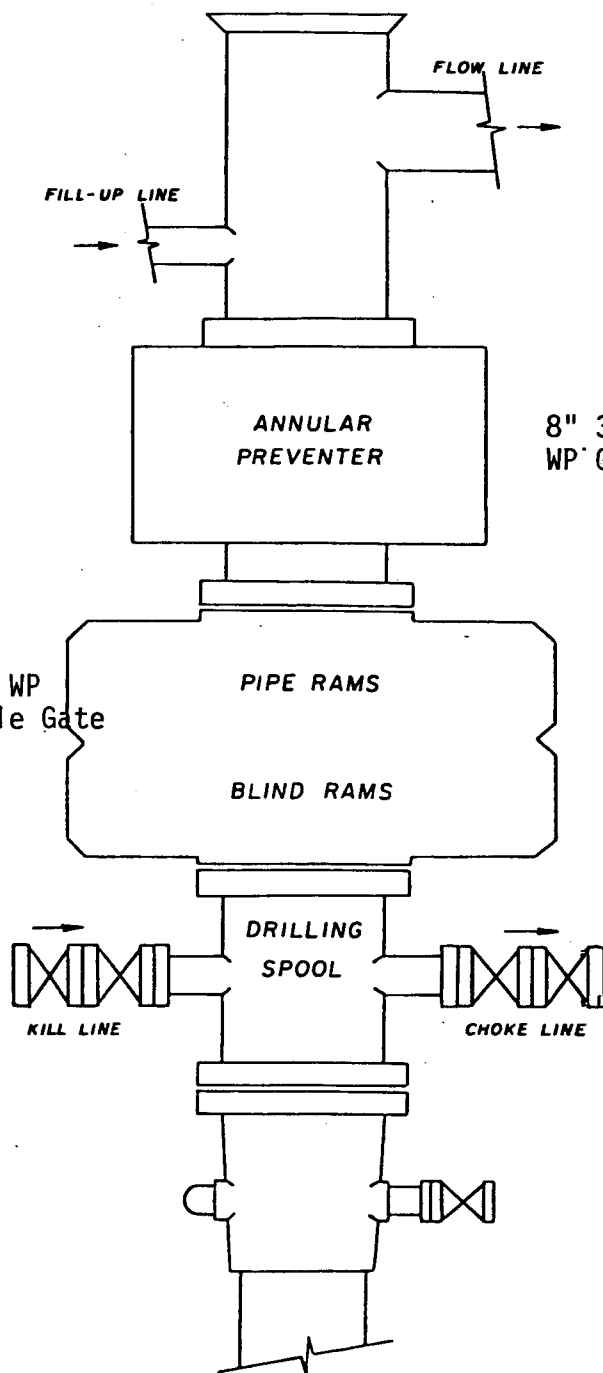
<u>Type</u>	<u>Interval</u>
DIL w/GR and SP	Surface casing to TD
FDC-CNL w/GR and CAL	
BHC Sonic w/GR and CAL and "F" Log Overlay	
Proximity-Micro Log w/GR and CAL	

9. Abnormalities (including sour gas): No abnormal temperatures, pressures or other hazards are anticipated.

10. Drilling Schedule: Anticipated starting date is July 15, 1982 with the duration of operations expected to last around 20 days.

NATURAL GAS CORPORATION
OF
CALIFORNIA
BOP AND PRESSURE CONTAINMENT DATA

NGC #11-311 Federal
NW NW Section 31, T9S, R.18E
Uintah County, Utah
Pleasant Valley area



1. BOP equip shall consist of a double gate, hydraulically operated preventer with pipe & blind rams or two single ram type preventers, one equipped w/pipe rams, the other w/blind rams.
2. BOP's are to be well braced w/ hand controls extended clear of substructure.
3. Accumulator to provide closing pressure in excess of that required w/sufficient volume to operate all components.
8" 3000 psi WP GK Hydrill
4. Auxiliary equipment: Lower kelly cock, full opening stabbing valve, 2½" choke manifold, pit level indicator &/or flow sensors w/alarms.
5. All BOP equipment, auxiliary equipment stand pipe & valves & rotary hose to be tested to the rated pressure of the BOP's at time of installation & every 30 days thereafter. BOP's to be mechanically checked daily.
6. Modification of hook-up or testing procedure must be approved in writing on tour reports by wellsite representative.

Natural Gas Corporation of California

13 Point Surface Use Plan

for

Well Location

NGC #11-311 Federal

Located In

Section 31, T9S, R18E

Uintah County, Utah

1. EXISTING ROADS

See attached topographic map A.

To reach NGC well #11-31I, proceed west from Myton, Utah along U.S. Highway 40 for 1.5 miles to its junction with U.S. Highway 53; proceed south on Highway 53 for 2 miles to its junction with county road 216; follow this road south and east for approximately 16 miles. Proceed south and east for approximately 4.7 miles. The location is approximately 1000' northwest of this point.

2. PLANNED ACCESS ROAD

See attached topographic map B.

Approximately the last 1000' of road will require new construction.

The access road will be constructed to the following standards:

- 1) Width - The running surface will be 18 feet and the total disturbance width including the ditches will not exceed 40 feet.
- 2) Maximum grade - 3%
- 3) Turnouts - None planned
- 4) Drainage designs - Ditches will be constructed on each side of the road, V-shaped, 1 foot deep at 3:1 slopes.
- 5) Location and size of culverts, major cuts and fills - None
- 6) Surfacing materials - None
- 7) Gates, cattleguards, or fence cuts - None
- 8) The proposed road has been flagged.

3. LOCATION OF EXISTING WELLS

The following wells are located within a 1 mile radius of the location site.

- 1) Water Wells - None
- 2) Abandoned Wells - None
- 3) Temporarily Abandoned Wells - None

- 4) Disposal Wells - None
- 5) Drilling Wells - None
- 6) Producing Wells - None
- 7) Shut-in Wells - None
- 8) Injection Wells - None
- 9) Monitoring or observation wells for other resources - None

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. (1) Tank batteries - none.
(2) Production facilities - none.
(3) Oil gathering lines - none.
(4) Gas gathering lines - none.
- B. (1) In the event production is established, all petroleum production facilities are to be contained within the proposed location site. In the event that production of oil from this well is established, a berm will be constructed around the tank battery large enough to contain the contents of tanks.
(2) Construction methods and materials - Production facilities will be placed on the proposed pad. Construction materials will come from the unused portion of the pad.
(3) Livestock and wildlife protection - The evaporation pond will be fenced on all four sides and overhead wire with flagging installed, if there is oil in the pit.
- C. The rehabilitation of disturbed areas no longer required for the production of this well will be completed by backfilling, recontouring, topsoiling and seeding.

5. LOCATION AND TYPE OF WATER SUPPLY

See attached topographic map C.

Water will be obtained from the Pariette River in SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 27, T8S, R18E. See copy of attached water permit from the State of Utah. Water will be hauled by truck over existing roads.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road will be borrow materials, accumulated during construction of the location site. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS FOR HANDLING WASTE DISPOSAL

- 1) Cuttings, drilling fluids and produced fluids - A reserve pit will be constructed. The reserve pit will be approximately 10' deep and at least one-half of this depth shall be below the surface of the existing ground.

One-half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one-half will be used to store nonflammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

Prior to the onset of drilling, a "stock tight" fence shall be installed on three sides of the reserve pit. This fence will be either (1) woven wire at least 28 inches high and within 4 inches of ground surface with two strands of barbed wire above the woven wire with 10-inch spacing, or, (2) at least five strands of barbed wire spaced, starting from the ground, at approximately 6-, 8-, 10-, 12-, and 12-inch intervals. At the completion of drilling operations, the fourth side of the reserve pit will be fenced and allowed to dry completely before the pit is backfilled. If there is oil on the pits, overhead wire and flagging will be installed on the pits.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pit will be lined with a gel.

- 2) Sewage - A portable chemical toilet will be supplied for human waste.
- 3) Garbage - Trash cages will be on all locations and all trash will be removed to an authorized landfill.
- 4) Site Clean-up - Immediately after the rig is moved out, the area around the well site will be cleaned and all refuse placed in the trash cages.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See typical rig layout.

10. PLANS FOR RESTORATION OF THE SURFACE

Prior to construction of the location, the top 6 inches of soil material will be stripped and stockpiled. This will amount to approximately 1400 cubic yards of material that will be stockpiled.

If the well is producing, the platform and pit areas no longer required for the production of the well will be backfilled, recontoured, topsoiled and seeded.

If the well is abandoned, the entire disturbed area (including roads) will be restored by: (1) backfilling; (2) recontouring; (3) topsoiling; (4) seeding. Specifically: the platform highwall(s) and road fill(s) will be eliminated by moving all excavated material back in place. Restoration of the location and access road will begin within 90 days after completion of the well. The BLM representative will be notified prior to starting the rehabilitation operations.

The following seed mixture and methods for seeding will be used:

The seed mixture will be determined by the BLM at the time of abandonment.

Seed will be planted after September 1 and prior to ground frost; or seed will be planted after the frost has left and before May 15. All seed will be drilled on the contour at a depth of $\frac{1}{4}$ to $\frac{1}{2}$ inch. Slopes too steep or rocky for machinery will be broadcast and the seed hand raked into the soil. When broadcasting the seed, the rate per acre will be doubled.

The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

- 1) The subject land is owned by the Federal Government and managed by the Bureau of Land Management.
- 2) An archaeological survey will be conducted on the proposed location and access road and submitted to the Bureau of Land Management.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Natural Gas Corporation of California
85 South 200 East
Vernal, UT 84078
Attn: Bill Ryan or Rick Canterbury

Telephone: (801) 789-4573

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Natural Gas Corporation of California and its contractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

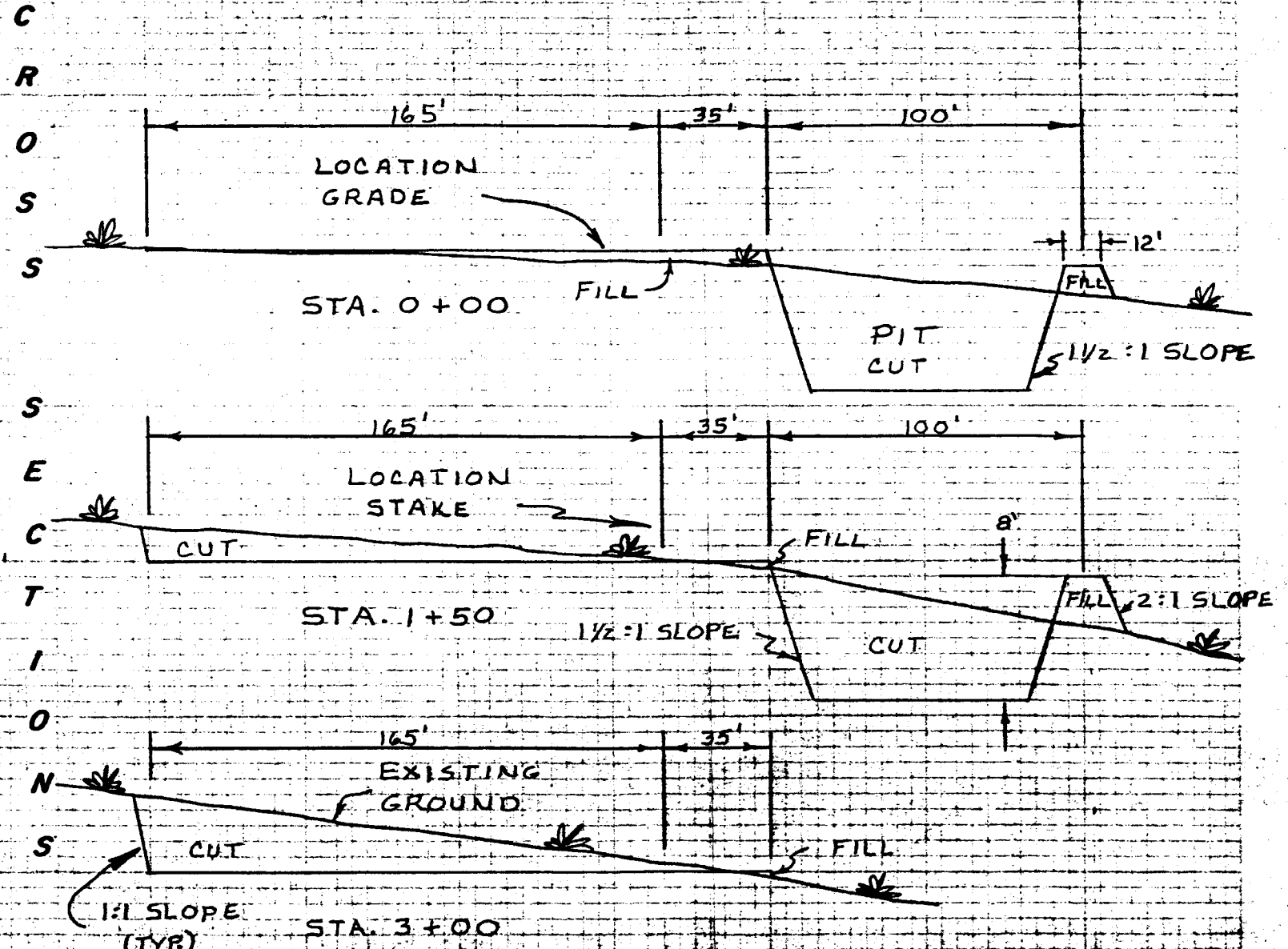
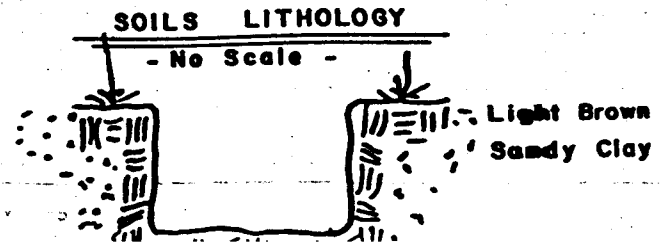
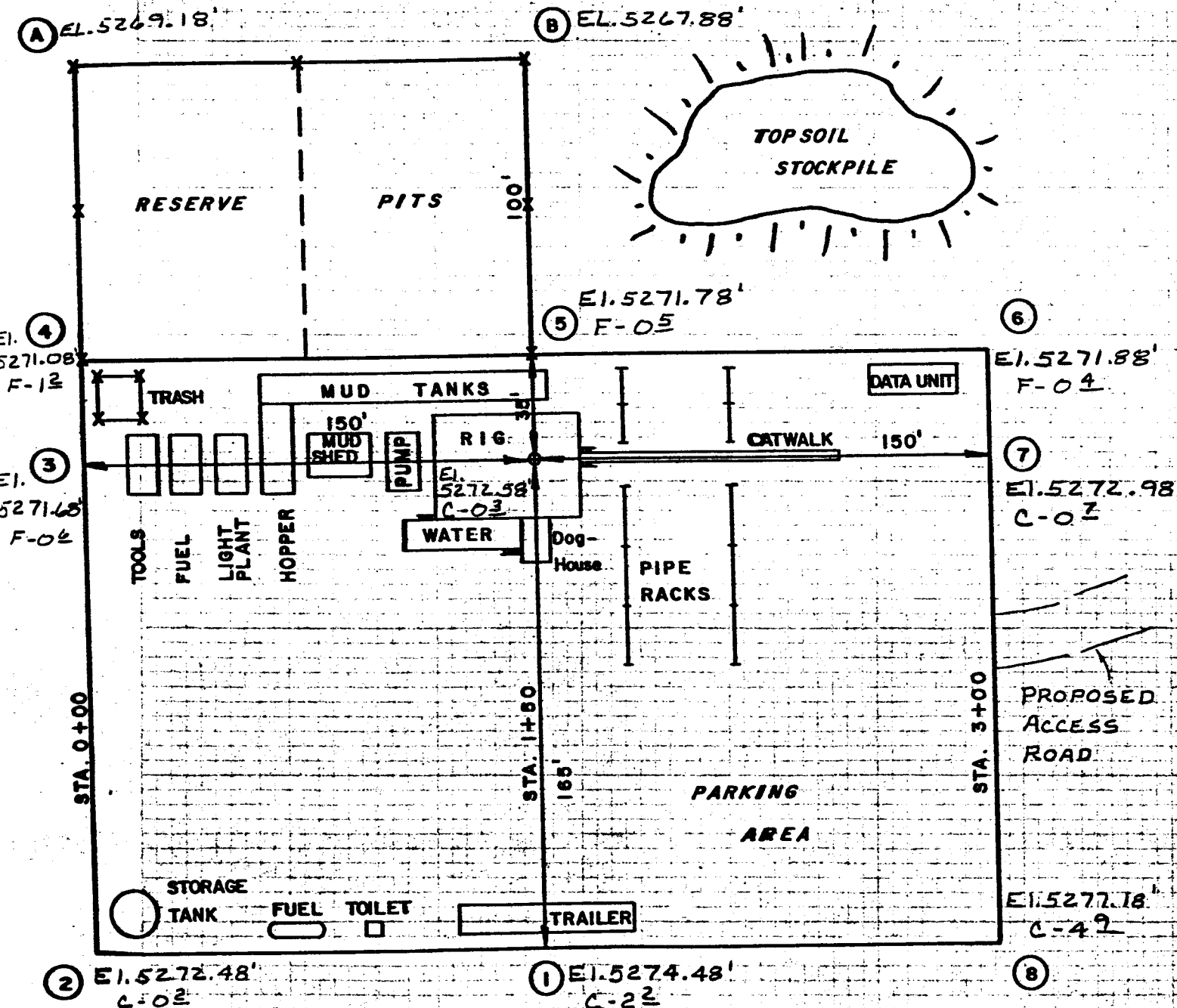
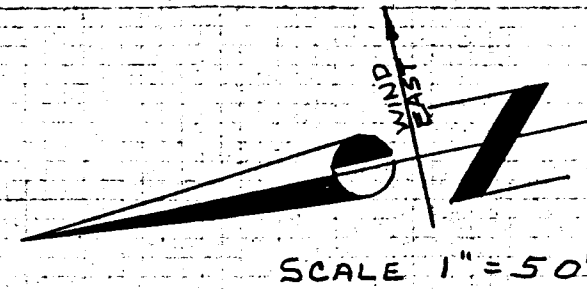
June 10, 1982

Rick Canterbury

Rick Canterbury, Associate Engineer

NATURAL GAS CORP. OF CALIF.

NGC #11-31-I
LOCATION LAYOUT & CUT SHEET

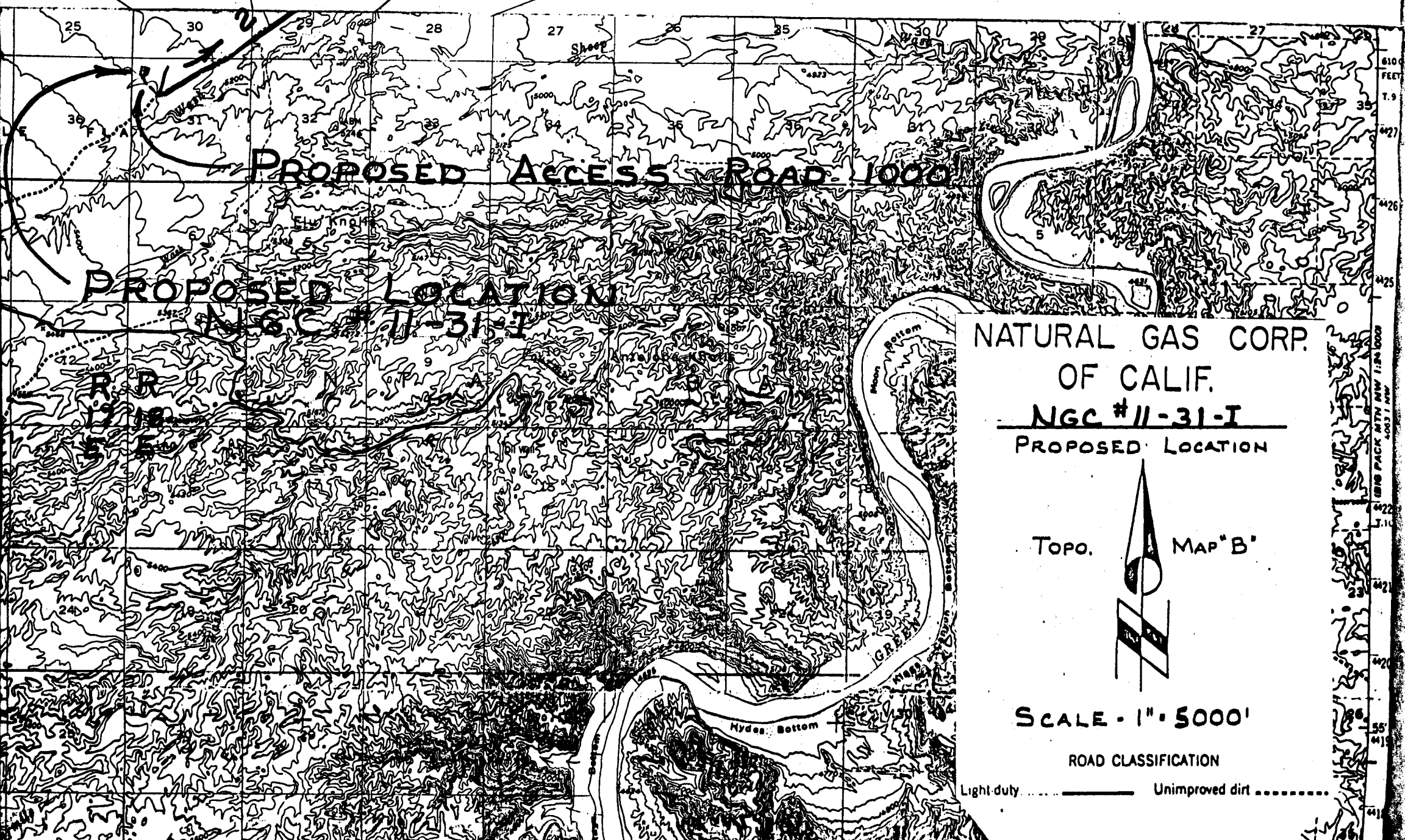
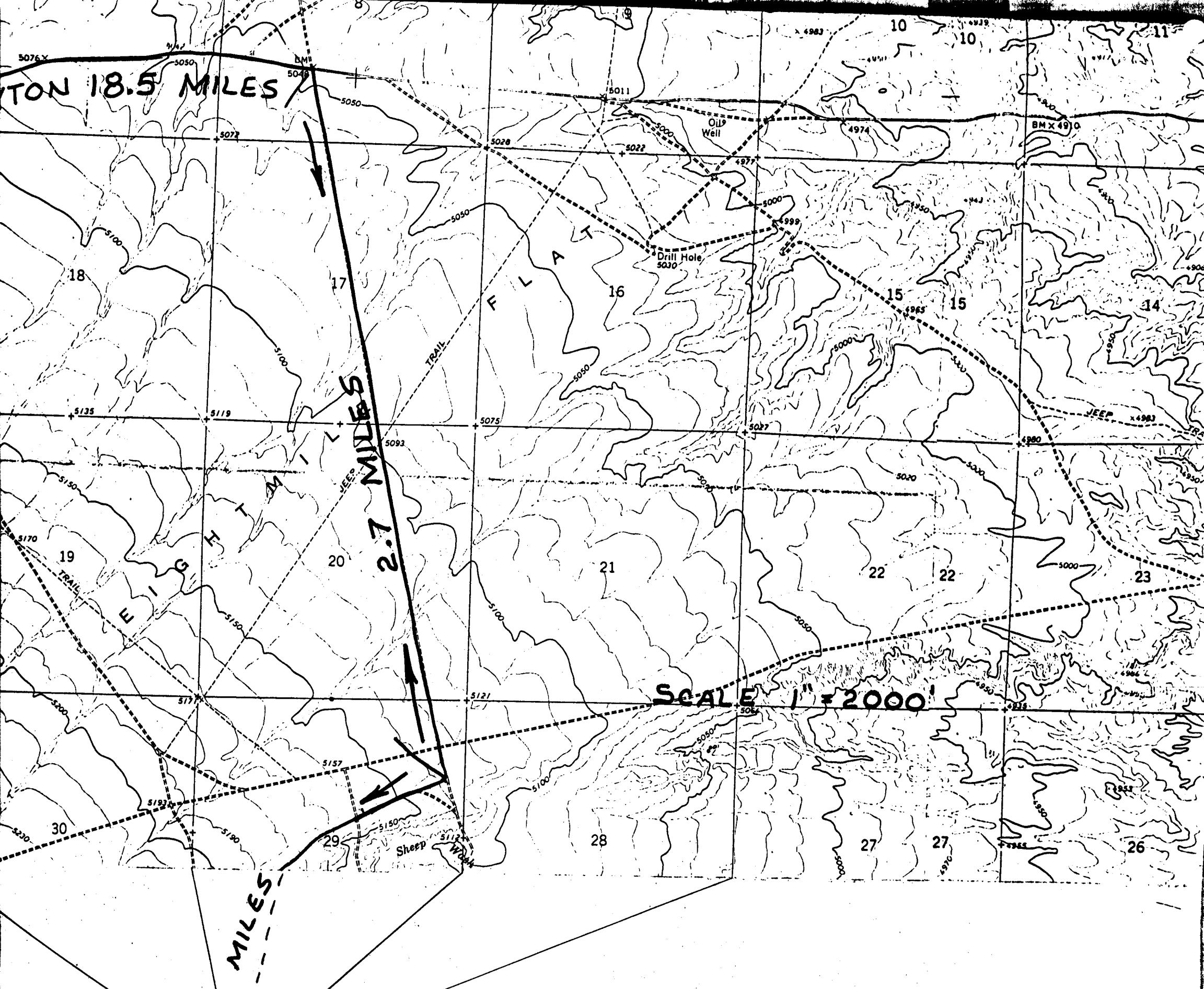


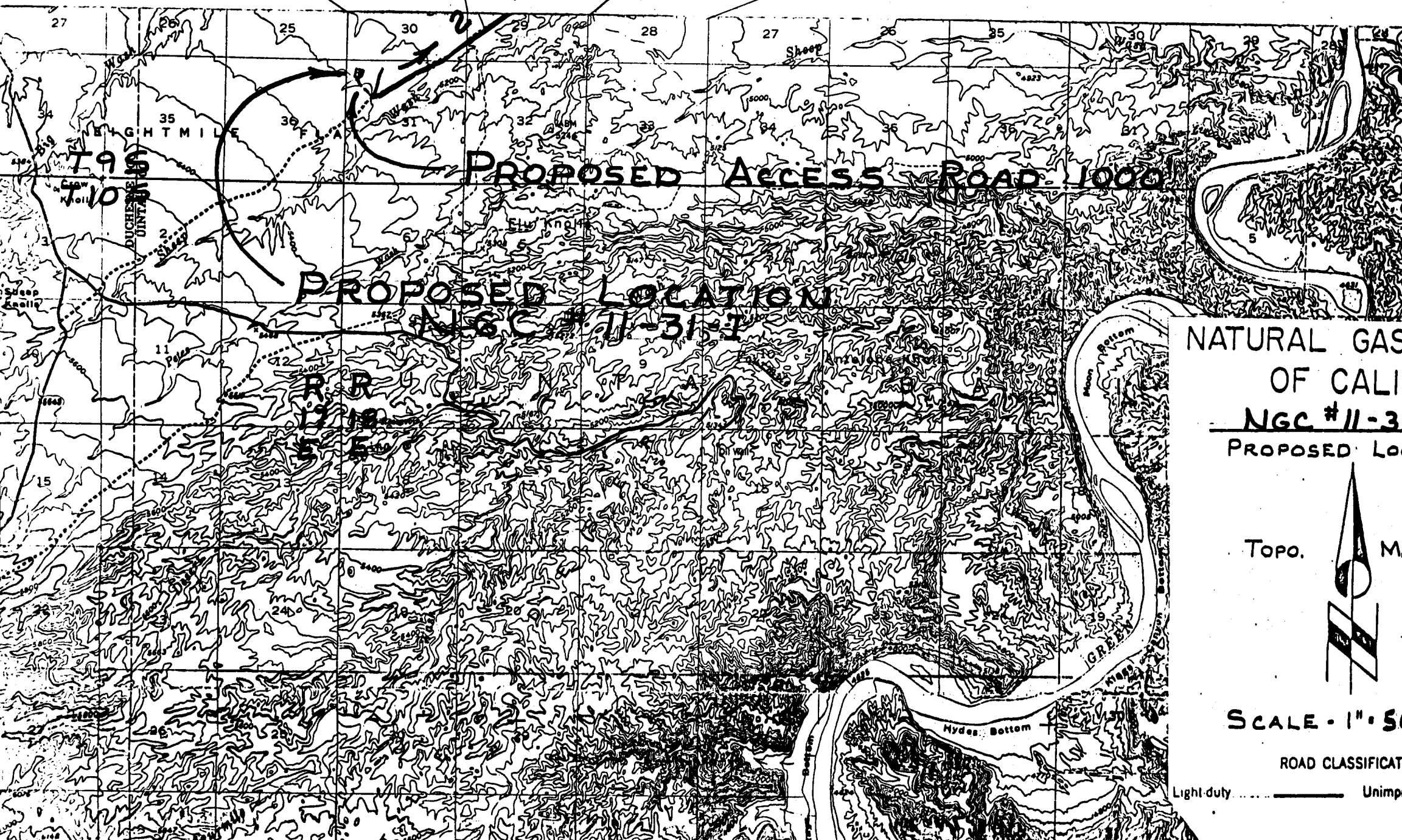
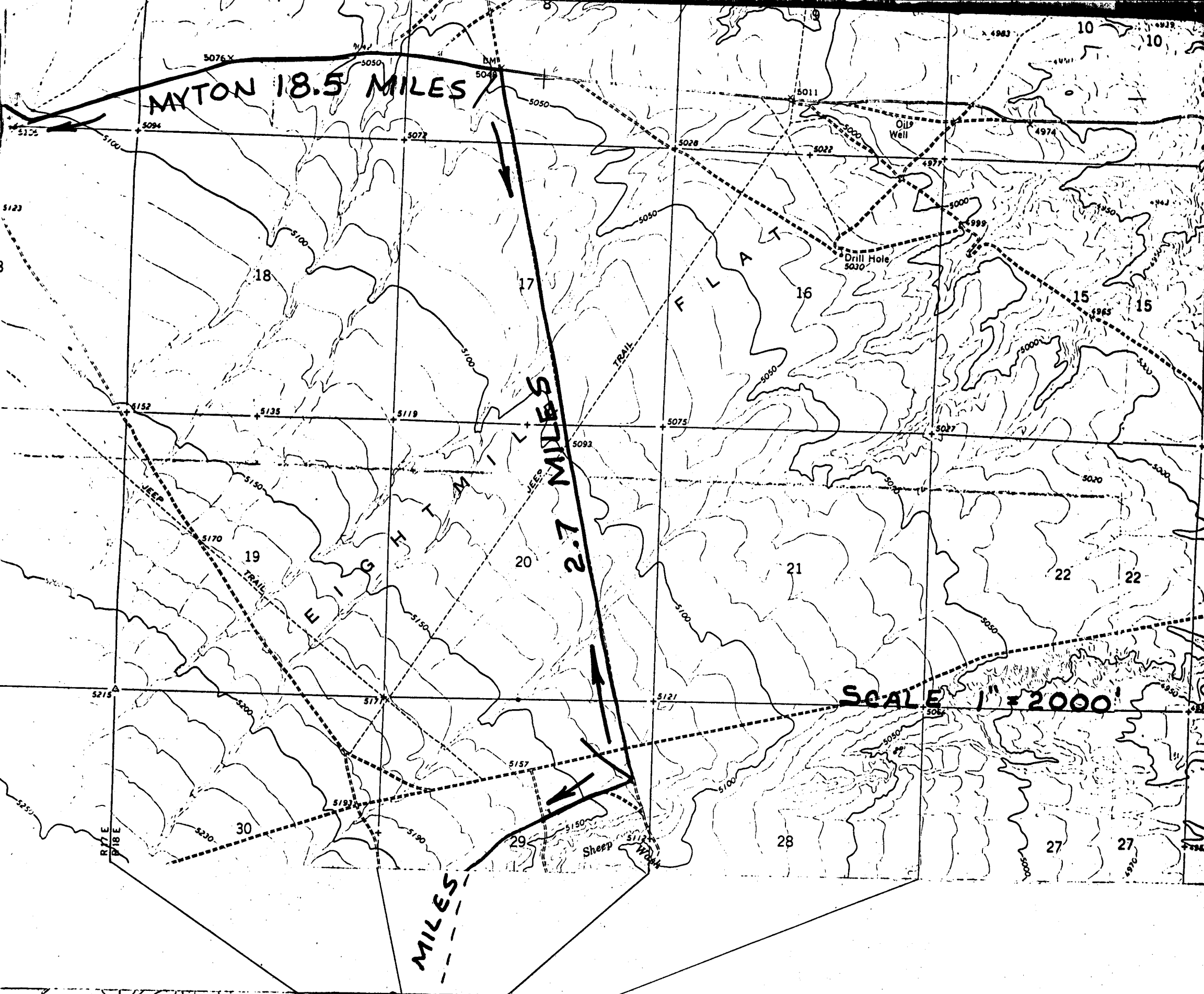
Scales
1" = 50'

APPROX. YARDAGES

Cubic Yards Cut - 6946

Cubic Yards Fill - 682





TEMPORARY

Application No. 57763

APPLICATION TO APPROPRIATE WATER
STATE OF UTAH

47-1676

NOTE:—The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. Irrigation ☐ Domestic ☐ Stockwatering ☐ Municipal ☐ Power ☐ Mining ☐ Other Uses ☒

2. The name of the applicant is Natural Gas Corp. of California

3. The Post Office address of the applicant is 85 South 200 East, Vernal, Utah 84078

4. The quantity of water to be appropriated .030 second-feet and/or acre-feet

5. The water is to be used for Oil Well Drilling from May 18, 1982 to May 18, 1983

(Major Purpose)

(Month)

(Day)

(Month)

(Day)

other use period

from

to

(Minor Purpose)

(Month)

(Day)

(Month)

(Day)

and stored each year (if stored) from

(Month)

(Day)

(Month)

(Day)

6. The drainage area to which the direct source of supply belongs is

(Leave Blank)

7. The direct source of supply is* Pariette Draw

(Name of stream or other source)

which is tributary to

tributary to

*Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channel to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

8. The point of diversion from the source is in Uintah

County, situated at a point*

1. North 700 ft. East 500 ft. from S₁ Cor. Sec. 27, T8S, R18E, SLB&M

2. North 2450 ft. East 1000 ft. from SW Cor. Sec. 35, T8S, R18E, SLB&M

*Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

9. The diverting and carrying works will consist of 1. Pump trucks and hauled to place of use.

2. Pumped into 2-in. line to well location

10. If water is to be stored, give capacity of reservoir in acre-feet height of dam

area inundated in acres legal subdivision of area inundated

11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:

Total Acres

12. Is the land owned by the applicant? Yes No ☒ If "No," explain on page 2.

13. Is this water to be used supplementally with other water rights? Oil & Gas Lease Yes No ☒

If "yes," identify other water rights on page 2.

14. If application is for power purposes, describe type of plant, size and rated capacity.

15. If application is for mining, the water will be used in Mining District at the mine, where the following ores are mined

16. If application is for stockwatering purposes, number and kind of stock watered

17. If application is for domestic purposes, number of persons, or families

18. If application is for municipal purposes, name of municipality

19. If application is for other uses, include general description of proposed uses

20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. Sections 32 and 35, T8S, R18E, SLB&M

21. The use of water as set forth in this application will consume .030 second-feet and/or acre-feet of water and None second feet and/ or acre feet will be returned to the natural stream or source at a point described as follows:

EXPLANATION

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

[Lined area for additional facts]

(Use page 1 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described

West-Cambridge-Associate Engine
Signature of Applicant

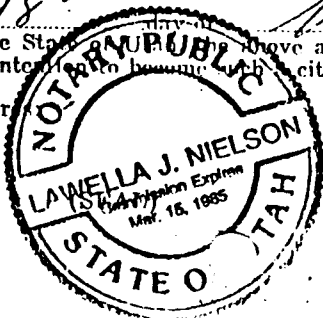
*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

DECLARATION OF CITIZENSHIP

STATE OF UTAH
County of *San Juan* ss

On the *18th* day of *May*, 19*82*, personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become a citizen.

My commission expires



Lawella J. Nielson
Notary Public

**** FILE NOTATIONS ****

DATE: June 16, 1982

OPERATOR: Natural Gas Corporation of California

WELL NO: ~~Federal~~ N6C # 11-31I

Location: Sec. ^{NW NW} 31 T. 9S R. 18E County: Lincoln

File Prepared: ☒

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number 43-047-31244

CHECKED BY:

Petroleum Engineer: _____

Director: _____

Administrative Aide: ^{by} As Per Rule C-3

APPROVAL LETTER:

Bond Required: ☒

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation FED

Plotted on Map ☒

Approval Letter Written ☒

Hot Line ☒

P.I. ☒

June 21, 1982

Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

RE: Well No. NGC #11-311
Sec. 31, T9S, R18E
Uintah County

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following.

CLEON B. FEIGHT
Office: 533-5771
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-31244.

Sincerely,


RONALD J. FIRTH
CHIEF PETROLEUM ENGINEER

RJF:SC
cc: Minerals Management Service
Enclosure



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

MINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED

IN REPLY REFER TO

T & E
U-801

JUL 6 1982

SALT LAKE CITY, UTAH

July 1, 1982

Ed Gynn, District Engineer
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Re: Joint Onsite Inspection
Natural Gas Corporation
T9S, R16E, Sec. 5, Well #32-5-G
T9S, R18E, Sec. 31, Well #11-31-I

Dear Mr. Gynn:

On July 1, 1982, a joint onsite inspection was made of the above referenced well site locations and proposed access roads by people representing Casada Construction, Skews & Hamilton Construction, NGC, MMS, and the BLM. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with the surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and traveling off the right-of-way will not be allowed.
3. Topsoil will be stockpiled as addressed in the applicants 13 Point Plan. Our office recommends the top 6-10 inches of topsoil material be stockpiled.
4. The BLM will be notified at least 24 hours prior to any construction.
5. The BLM will be notified at least 24 hours prior to any rehabilitation.
6. A burn pit will not be constructed. There will be no burying of garbage or trash at the location. No trash will be thrown in the reserve pit. All trash must be contained and hauled to the nearest sanitary landfill.
7. All permanent (on site for six (6) months duration or longer) structures constructed or installed, including the pumpjack, shall be painted a flat, non-reflective, earth tone color to match Tnemec 23-08351 Mesa Brown Endura-tone or an approved equal. All facilities shall be painted 6 months of when the production facilities are put in place, facilities that are required to comply with OSHA (Occupational Safety and Health Act) standards are excluded.

8. Reserve pits will be fenced with a wire mesh fence topped with at least one strand of barbed wire.
9. At location #32-5-G, topsoil will be stockpiled between points 1 and 2.
10. At location #11-31-I, topsoil will be stockpiled between points 1 and 8.

An archaeological clearance has been conducted by Utah Archaeological Research Corporation of the proposed drill sites and access roads. No cultural materials were located on the surface of the survey areas.

The proposed activities do not jeopardize listed, threatened and endangered flora/fauna or their habitats.

Sincerely,

Byron K. Tolman acting

Ralph J. Heft
Area Manager
Diamond Mountain Resource Area

cc: USGS, Vernal

Identification No. 370-82

United States Department of the Interior
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Natural Gas Corporation of California
Project Type Oil Well
Project Location 585' FNL 585' FWL Section 31, T 9 S, R 18 E
Well No. 11-31 I Lease No. U-21534
Date Project Submitted June 14, 1982

FIELD INSPECTION

Date July 1, 1982

Field Inspection
Participants

Greg Darlington - MMS, Vernal
Gary Slagel - BLM, Vernal
Bill Ryan - NGCC
Leonard Heeney and Earl Cady - Ross Construction
Dick Petras - Skewes Construction
Bob Cook - D.E. Casada Construction

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

July 6, 1982
Date Prepared

Gregory Darlington
Environmental Scientist

I concur

JUL 07 1982

Date

W. P. Martin
District Supervisor

FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR

MINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED
JUL 6 1982
SALT LAKE CITY, UTAH

Proposed Actions :

NGCC plans to drill the Pleasant Valley 11-31 I well, a 5650' oil test of various formations. A new access road of 1000 foot length will be needed. A pad 200' by 300' and a reserve pit 100' by 150' are planned for the location.

Recommended Approval Conditions:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD :

1. BLM stipulations
2. Lease stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: July 1, 1982

Well No.: H-31 I.

Lease No.: V-21534

Approve Location: ✓

Approve Access Road: ✓

Modify Location or Access Road: Narrow Topsoil @ back of pad.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) Lease expires January 31, 1983

Location looks good.

A small wash is to the Southeast of the location. If this APD is approved approval will only be good if drilled before February 1, 1983.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							1, 2, 4, 6	July 1 1982	
Unique charac- teristics							1, 2, 4, 6		
Environmentally controversial							1, 2, 4, 6		
Uncertain and unknown risks							1, 2, 4, 6		
Establishes precedents							1, 2, 4, 6		
Cumulatively significant							1, 2, 4, 6		
National Register historic places							1, 6		
Endangered/ threatened species							1, 6		
Violate Federal, State, local, tribal law							1, 2, 4, 6		

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements other than the items 1-7.*

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: NATURAL GAS CORP. OF CALIFORNIA

WELL NAME: 11-31-I

SECTION NWNW 31 TOWNSHIP 9S RANGE 18 E COUNTY Uintah

DRILLING CONTRACTOR Olsen Drilling

RIG # 5

SPUDDED: DATE 7-31-82

TIME 4:00 PM

How Rotary

DRILLING WILL COMMENCE

REPORTED BY Karla

TELEPHONE # 789-4573

DATE 8-4-82 SIGNED AS

NOTICE OF ~~SPUD~~

Company: Natural Gas Corp. of Calif.
Caller: Carla Hanberg.
Phone: 789 4573

Well Number: 11-31 I

Location: Sec 31 T. 9S R. 18E

County: Uinta State: Utah

Lease Number: U-21534

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 7/31/82 4:00 P.M.

Dry Hole Spudder/Rotary: _____

* Details of Spud (Hole, Casing, Cement, etc.) _____

Rotary Rig Name & Number: Olsen Drilling Rig 5

Approximate Date Rotary Moves In: 7/29/82

FOLLOW WITH SUNDRY NOTICE

Call Received By: Becky George

Date: 8/4/82

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078

August 4, 1982

Mr. E. W. Gynn
Minerals Management Service
1745 West 1700 South, Suite 2000
Salt Lake City, UT 84104

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Mr. Sam Boltz, Jr.
Chorney Oil Company
1860 Lincoln, Suite 401
Denver, CO 80295

Mr. Bob Gilmore
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75206

Re: NGC #11-31-I Federal
NW NW Sec. 31, T.9S., R.18E.
Uintah County, UT
Pleasant Valley area

Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on
Wells, Report of Spud Date, for the subject well.

Sincerely,



Rick Canterbury
Associate Engineer

/dcr

Attachment

cc: Operations
C. T. Clark
E. R. Henry
S. Furtado

RECEIVED
AUG 06 1982
DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐
2. NAME OF OPERATOR
Natural Gas Corporation of California
3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 585' FNL, 585' FEL (NW NW)
AT TOP PROD. INTERVAL: Sec. 31, T.9S., R.18E.
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

(other) Report of Spud Date

SUBSEQUENT REPORT OF:

RECEIVED
AUG 06 1982
DIVISION OF
OIL, GAS & MINES

5. LEASE
U-21534
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Federal
9. WELL NO.
11-31-I
10. FIELD OR WILDCAT NAME
Pleasant Valley
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 31, T.9S., R.18E.
12. COUNTY OR PARISH Utah 13. STATE Utah
14. API NO.
43-047-31244
15. ELEVATIONS (SHOW DF, KDB, AND WD)
5273' Un.Gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator reports the spudding of the subject well as 7/31/82 at 4 p.m. by Olsen Drilling Rig 5.

Spud date reported orally to Minerals Management Service, Salt Lake City, UT, 8/4/82.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Rick Canterbury TITLE Associate Engr. DATE August 4, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

cc: MMS; Div. OG&M; DeGolyer; Chorney; Operations; CTC Clark; ER Henry; SFurtado

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Natural Gas Corporation of California

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 585' FNL, 585' FWL, Section 31, T.9S., R.16E.

At top prod. interval reported below

At total depth

14. PERMIT NO.

43-047-31244

DATE ISSUED

6/21/82

12. COUNTY OR PARISH

Utah

13. STATE

Utah

15. DATE SPUDDED

7/31/82

16. DATE T.D. REACHED

8/9/82

17. DATE COMPL. (Ready to prod.)

1/1/83

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5273' GR 5287' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5657'

21. PLUG, BACK T.D., MD & TVD

5524

22. IF MULTIPLE COMPL., HOW MANY*

3

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

4366'-5315' (all perforations listed in #31)

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-GR-SP, FDC/CNL-GR-CAL, Prox-Micro Log, Cyberlook, Volan

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	315'	12-1/4"	315 sx	None
5-1/2"	17#	5657'	7-7/8"	480 sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	5327'	

31. PERFORATION RECORD (Interval, size and number)

5311-15 3 SPF (13 holes)
4508-10, 4514-17, (14 holes) 4536-39
4366-75 (28 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5311-15' Acidize	w/3500 gal 15% HCL & 3990 gal of
of 7 1/2% HCL	
4508-4539 Frac w/	19,910 g. gelled water & 69,280#
4366-75: Frac w/	19,140 g. gelled wtr and sand.

33.*

PRODUCTION 64,050# sand.

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1/3/83		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2/22/83	24		→	12.8	15	10.8	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
0	25	→	12.8	15	10.8		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Used for fuel

TEST WITNESSED BY

Boyd Snow

35. LIST OF ATTACHMENTS

Geological report to follow.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Rick Canterbury

TITLE

Associate Engineer

DATE March 11, 1983

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal agency. See instructions on items 29 and 34, and 33 below regarding separate reports for separate completions.

and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate compiums. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State should be listed on this form, see item 3b.

or Federal office for specific instructions.

Item 19: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in Item 22, and in Item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in Item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 23: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. For each additional interval to be separately produced, showing the additional data pertinent to such interval. (See instruction for items 27 and 24 above.)

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS: AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			<p>Green River Oil Shale Fac. Delta Facies Green Shale Mkr. Black Shale Fac. Green River Lime Wasatch T.D.</p>
			<p>MEAS. DEPTH 1035' 1652' 2707' 3695' 4780' 5252' 5435' 5657'</p>
			<p>TOP TRUE VERT. DEPTH</p>



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 15, 1983

Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

Re: See attached list of wells

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

We will be happy to acknowledge receipt of response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf
Enclosure

Well No. NGC # 12-8-H Federal
Sec. 8, T. 9S, R. 17E.
Duchesne County, Utah
(October 1982- February 1983)

Well No. NGC # 42-8-H
Sec. 8, T. 9S, R. 17E.
Duchesne County, Utah
(September 1982- February 1983)

Well No. NGC Federal # 24-9-H
Sec. 9, T. 9S, R. 17E.
Duchesne County, Utah
(November 1982- February 1983)

Well No. NGC Federal # 22-30-H
Sec. 30, T. 9S, R. 17E.
Duchesne County, Utah
(December 1982- February 1983)

Well No. NGC # 44-19
Sec. 19, T. 8S, R. 22E.
Uintah County, Utah
(November 1982- February 1983)

Well No. Glen Bench Fed. # 22-30
Sec. 30, T. 8S, R. 22E.
Uintah County, Utah
(December 1982- February 1983)

Well No. NGC # 11-31I
Sec. 31, T. 9S, R. 18E.
Uintah County, Utah
(September 1982- February 1983)

Well No. NGC Federal # 33-18J
Sec. 18, T. 9S, R. 19E.
Uintah County, Utah
(July 1982- February 1983)

Well No. Devil's Playground Fed # 23-20
Sec. 20, T. 9S, R. 24E.
Uintah County, Utah
(March 1982- February 1983)

Well No. Sweetwtr Cny. Unit # 31-15
Sec. 15, T. 14S, R. 24E.
Uintah County, Utah
(May 1982- February 1983)

Well No. Moccasin Trail Fed. # 14-18
Sec. 18, T. 15S, R. 25E.
Uintah County, Utah
(November 1982- February 1983)

Scott M. Matheson
Governor



James O. Mason, M.D., Dr.P.H.
Executive Director
Department of Health
801-533-6111

Kenneth L. Alkema
Director
Division of Environmental Health
801-533-6121

MEMBERS

Grant K. Borg, Chairman
W. Lynn Cottrell
Harold B. Lamb
Kenneth L. Alkema
Franklin N. Davis
Dale P. Baerman
Joseph A. Urbanik
C. Arthur Zeldin
Mrs. Lloyd G. Bliss

STATE OF UT.
DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH
Utah Water Pollution Control Committee

150 West North Temple, P.O. Box 2500, Salt Lake City, Utah 84110-2500

JIM

JUN 29 1984

June 26, 1984

Natural Gas Corporation of California
85 South 200 East
Vernal, UT 84078

ATTENTION: William A. Ryan

Gentlemen:

We acknowledge receipt of your letter dated May 30, 1984 notifying us of the location of the ponds for the wells described below and sources of produced water in accordance with Part VI, Utah Wastewater Disposal Regulations, Section 6.5.1.b. The regulations require that the disposal ponds...."shall be constructed such that no surface discharge or significant migration to subsurface will result."

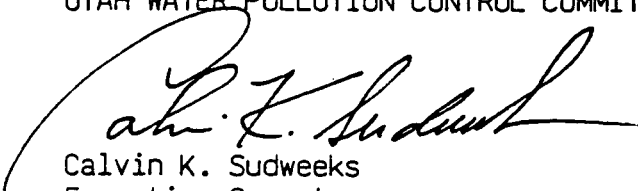
As time and weather allows, a brief inspection of these ponds will be made by members of our staff during this next month. The wells are:

Well Number	Section	Township	Range	Average Quantity(BWPD) Produced Water
41-30-H	30	9S	17E	4.0
21- 5-G	5	9S	16E	4.0
24- 9-H	9	9S	17E	3.0
11-31-I	31	9S	18E	4.0

If you have any questions regarding this matter, please contact us.

Sincerely,

UTAH WATER POLLUTION CONTROL COMMITTEE


Calvin K. Sudweeks
Executive Secretary

BLN:pa

cc: Division of Oil, Gas and Mining
Uintah Basin District Health Department
BLM/Oil and Gas Operation

303

Calvin K. Sudweeks
Executive Secretary
Rm 410 (801) 533-6146

RECEIVED

JUN 28 1984

DIVISION OF OIL
GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRII
(Other Instruction
verse side)

ATE
D re

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-21534

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

11-31-I

10. FIELD AND POOL, OR WILDCAT

Pleasant Valley

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Section 31, T.9S., R.18E.

14. PERMIT NO.

43-047-31244

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5273' GR 5287' KB

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

PULL OR ALTER CASING

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other) Request Temporary Surface Pit X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator requests an unlined surface pit per NTL-2B, Sec. VI. The subject pit would be used as a blow down pit when the well is flow tested.

If you require additional information, please contact me at our Vernal office - telephone 789-4573.

RECEIVED
NOV 23 1984

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

William A. Ryan

TITLE

Petroleum Engineer

DATE

November 15, 1984

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED
APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE
BY: John R. Baya

Federal approval of this action
is required before commencing
operations.

*See Instructions on Reverse Side



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 2, 1985

Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

Gentlemen:

RE: Review of Submitted Production and Disposition Information.

The Division staff has recently reviewed production and disposition reports submitted on several wells within Uintah County under your operatorship. The subject wells are listed on the enclosed tables, a comparison of submitted production and disposition reports on the subject wells indicate that the wells produced exactly the amount of gas used on lease each month through the year 1984. The Division staff has reasonable concern that the submitted production information is inaccurate and that proper measurements of gas production are not currently being performed.

It is requested that Natural Gas Corporation perform production tests of all the wells listed on the attached reports and that information be supplied which validates the production reported for the year 1984. The General Rules and Regulations of the Board of Oil, Gas and Mining require that measurement of all oil and gas produced from a well be performed and that such measurements be submitted in writing to the Division. Any additional information you could provide which would confirm your compliance with these Rules and Regulations would be greatly appreciated.

Your prompt consideration of this matter is appreciated. Please contact this office if you have additional questions.

Well No. N.G.C. Federal # 11-31-I Sincerely,

Sec. 31, T. 9S R. 18E

Uintah County, Utah

John R. Baza
John R. Baza
Petroleum Engineer

Enclosures
cc: R.J. Firth
Well File
0090T-65

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLI
(Other instructions
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-21534

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

11-31-I

10. FIELD AND POOL, OR WILDCAT

Eight Mile Flat No.

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 31, T.9S., R.18E.

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Natural Gas Corporation of California

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

585' FNL, 585' FWL, NW/NW Sec. 31, T.9S., R.18E.

14. PERMIT NO.

43-047-31244

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5273' FR, 5287' KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) Suspend Production ☒

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator requests permission to suspend production for the subject well. Due to the current fluctuation in oil prices, it is no longer economical to produce this well.

Attached is an economic evaluation showing this well has not been economical since December, 1985.

18. I hereby certify that the foregoing is true and correct

SIGNED

C. M. Heddleson
C. M. Heddleson

TITLE Production Supt.

DATE 11/18/86

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

18-Nov-86 EFH

WELL ECONOMIC EVALUATION: PLEASANT VALLEY 11-31-1

NGC WI: 0.75
 NGC RI: 0.579375
 OIL API: 31.3

PROD TAX 0.0421
 SEV TAX 0.0271
 FED TAX 0.2

MONTH	OIL BBL	GAS MCF	GROSS \$	OP. COSTS \$	OVERHEAD \$	TAX			TOTAL NGC NET \$
						PROD.	SEVERENCE	FEDERAL	
						\$	\$	\$	
Jan-85	238	0	\$5,341	\$2,115	\$372	\$225	\$139	\$573	\$899
Feb-85	215	0	\$4,719	\$1,550	\$372	\$199	\$123	\$570	\$897
Mar-85	200	0	\$4,390	\$1,547	\$372	\$185	\$114	\$509	\$870
Apr-85	192	0	\$4,214	\$1,042	\$382	\$177	\$109	\$577	\$1,103
May-85	164	0	\$3,600	\$1,812	\$382	\$152	\$93	\$309	\$407
Jun-85	225	0	\$4,939	\$1,753	\$382	\$208	\$128	\$570	\$963
Jul-85	162	0	\$3,556	\$1,980	\$382	\$150	\$92	\$287	\$349
Aug-85	165	0	\$3,622	\$1,843	\$382	\$152	\$94	\$306	\$397
Sep-85	143	0	\$3,139	\$1,403	\$382	\$132	\$81	\$304	\$473
Oct-85	164	0	\$3,600	\$1,347	\$382	\$152	\$93	\$402	\$686
Nov-85	121	0	\$2,656	\$1,701	\$382	\$112	\$69	\$155	\$107
Dec-85	152	0	\$3,336	\$2,933	\$382	\$140	\$87	\$35	(\$368)
Jan-86	99	0	\$2,106	\$3,151	\$382	\$89	\$55	\$0	(\$1,155)
Feb-86	105	0	\$1,740	\$2,551	\$382	\$73	\$45	\$0	(\$898)
Mar-86	117	0	\$1,277	\$2,345	\$382	\$54	\$33	\$0	(\$988)
Apr-86	72	0	\$666	\$1,499	\$382	\$28	\$17	\$0	(\$677)
May-86	88	0	\$826	\$1,137	\$416	\$35	\$21	\$0	(\$314)
Jun-86	76	0	\$793	\$1,170	\$399	\$33	\$20	\$0	(\$364)
Jul-86	91	0	\$876	\$1,246	\$399	\$37	\$23	\$0	(\$372)
Aug-86	71	0	\$658	\$1,653	\$399	\$29	\$18	\$0	(\$775)
Sep-86									

^ Chevrons average price for that month less deductions for 32 API crude.

DIRECTOR
OF THE BUREAU

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Gentlemen,

Very truly yours,

cc: S. Furtado (Rm 1449)
L. Jorgensen (Rm 1421)
W. G. Paulsell (Rm 1428)
Connie Wales
Jt Interest Partners
Files

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP
(Other instruction
verse side)

ATE*
1 re-

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Natural Gas Corporation of California		8. FARM OR LEASE NAME Federal
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		9. WELL NO. 11-31-I
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 585' FNL, 585' FWL, NW/NW Sec. 31, T.9S., R.18E.		10. FIELD AND POOL, OR WILDCAT Eight Mile Flat No.
14. PERMIT NO. 43-047-31244		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T9S., R18E.
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5273' FR, 5287' KB		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other) Resume Production Operations

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operators reports the subject well was put on production at 3 p.m. January 18, 1987.

18. I hereby certify that the foregoing is true and correct

SIGNED

Clemott M. Heddleson

TITLE

Production Supt.

DATE

January 19, 1987

Clemott M. Heddleson

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

*Natural Gas
Corporation of
California*

AS
POW
GRRV
ME

NGC

NGC

NGC

NGC

NGC

NGC

NGC

NGC

NGC

RECEIVED
APR 18 1988

NGC

April 15, 1988

DIVISION OF
OIL, GAS & MINING

Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078
Attention: Mr. J. Kenczka

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Mr. Keith Ebner
Chorney Oil Company
555 17th Street, Suite 1000
Denver, CO 80202-3910

Re: NGC 11-31-I Federal
NW NW Sec. 31, T9S, R18E
Uintah County, UT
Lease #U-21534

Gentlemen:

NGC filed a Sundry Notice dated 4/8/88 for approval to plug and abandon the Federal #11-31-I. Due to some renewed interest in the well bore, we request that you disregard the P&A Sundry Notice.

If you need further information, contact Pete Heddleson at 789-4573.

Sincerely,

Clemott M. Heddleson
Clemott M. Heddleson
Production Supt.

/kh

cc: S. Furtado (Rm 1449)
L. Jorgensen (Rm 1421)
W. G. Paulsell (Rm 1428)
B. Hill (Fairfield)
H. Culp (Rm 1442)

*Natural Gas
Corporation of
California*

RECEIVED
APR 13 1988

April 8, 1988

DIVISION OF
OIL, GAS & MINING

Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Mr. Keith Ebner
Chorney Oil Company
555 17th Street, Suite 1000
Denver, CO 80202-3910

Re: NGC 11-31-I Federal
NW NW Sec. 31, T9S, R18E
Uintah County, UT

Gentlemen:

Attached are copies of Form 3160-5, "Sundry Notices and Reports on Wells", requesting approval to plug and abandon the subject well.

If you have any questions, please contact the Vernal office.

Sincerely,

Mike McMican

Mike McMican
Petroleum Engineer

/kh

Attachment

cc: S. Furtado (Rm 1449)
L. Jorgensen (Rm 1421)
W. G. Paulsell (Rm 1428)
B. Hill (Fairfield)
H. Culp (Rm 1442)

① TAS ✓
② RWM ✓
③ FILE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instruction
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug wells. Use "APPLICATION FOR PERMIT—" for such purposes.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Natural Gas Corporation of California		8. FARM OR LEASE NAME Federal
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		9. WELL NO. 11-31-I
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 585' FNL, 585' FWL, NW NW Sec. 31		10. FIELD AND POOL, OR WILDCAT Eight Mile Flat No.
14. PERMIT NO. 43-047-31244		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T9S, R18E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5273' GR		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Natural Gas Corporation of California requests approval to plug and abandon the Federal 11-31-I in the following manner:

Set CIBP at 4350' with 50' Class "G" cement on top. Set 100' Class "G" cement in 5½" casing across 9-5/8" casing shoe from 270' - 370'. Set 100' Class "G" cement in 5½" casing at surface and 300' Class "G" cement in 5½" and 9-5/8" casing annulus at surface. Erect a regulation dryhole marker with 10 sx sackrete and fill in around marker base to about 18". Cut deadmen 24" below surface. Minimum 9 ppg bentonite weighted fresh water mud will be placed between all plugs.

18. I hereby certify that the foregoing is true and correct

SIGNED

Mike Mc Mican
Michael L. McMican

TITLE Petroleum Engineer

DATE 4/8/88

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE 4-14-88

Federal approval of this action
is required before commencing
operations

*See Instructions on Reverse Side

John R. Byrnes

*Natural Gas
Corporation of
California*

May 12, 1988

RECEIVED
MAY 16 1988

DIVISION OF
OIL, GAS & MINING

Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Mr. Keith Ebner
Chorney Oil Company
555 17th Street, Suite 1000
Denver, CO 80202-3910

Re: NGC 11-31-I Federal
NW NW Sec. 31, T9S, R18E
Uintah County, UT
Lease #U-21534

Gentlemen:

Attached is Form 3160-5, "Sundry Notices and Reports on Wells," Request to Suspend Production for the subject well.

If you have any questions, please contact me in the Vernal office.

Sincerely,

Mike McMicar

Michael L. McMican
Petroleum Engineer

/kh

cc: S. Furtado
L. Jorgensen
W. G. Paulsell
B. Hill
H. Culp

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate*
(Other instruction
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug wells or to alter or repair wells.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-21534
2. NAME OF OPERATOR Natural Gas Corporation of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 585' FNL, 585' FWL		8. FARM OR LEASE NAME Federal
14. PERMIT NO. 43-047-31244		9. WELL NO. 11-31-I
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5273' GL		10. FIELD AND POOL, OR WILDCAT Eight Mile Flat No.
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T9S, R18E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) Suspend Production <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator requests permission to suspend production for the subject well. The well is not economical at current oil prices, but may become economical with a price increase. If a suspension of production is not granted, it may result in premature abandonment of the well and a loss of associated reserves.

18. I hereby certify that the foregoing is true and correct

SIGNED <u>Michael L. McMican</u> Michael L. McMican	TITLE <u>Petroleum Engineer</u>	DATE <u>May 12, 1988</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

*See Instructions on Reverse Side



UTAH
NATURAL RESOURCE
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. • (801-538-5340)

Page 1 of 3

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• NATURAL GAS CORP OF CA
85 SOUTH 200 EAST
VERNAL UT 84078
ATTN: PROD. ACCOUNTING

Utah Account No. N0700

Report Period (Month/Year) 5 / 89

Amended Report ☐

Well Name			Producing	Days	Production Volume		
API Number	Entity	Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
X 4304731008	GLEN BENCH 31-30	06045 08S 22E 30	GRRV				
X 4304731257	NGC FED 44-19	06045 08S 22E 19	GRRV				
X 4304731355	NGC 13-20	06045 08S 22E 20	GRRV				
X 4304731260	NGC 22-30	06050 08S 22E 30	GRRV				
X 4304731007	GLEN BENCH 23-21	06054 08S 22E 21	MVRD				
X 4301330887	FEDERAL 11-9-H	06058 09S 17E 9	GRRV				
X 4304731244	NGC FED 11-31-1	06065 09S 18E 31	GRRV				
X 4301330679	FED NGC 31-8H	06075 09S 17E 8	GRRV				
X 4301330678	FED NGC 42-8H	06080 09S 17E 8	GRRV				
X 4301330741	NGC 41-8H	06085 09S 17E 8	GRRV				
X 4301330601	FED 41-30	06095 09S 17E 30	GRRV				
X 4301330699	NGC 12-4G	06100 09S 16E 4	GRRV				
X 4301330698	NGC FED 21-5G	06105 09S 16E 5	GRRV				
TOTAL							

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date

Authorized signature

Telephone

PLEASE COMPLETE FORMS IN BLACK INK

31244

NGC 1d 11-31 I

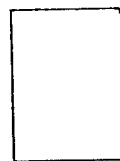
Sec 31, T9 S0 R18E

Grubby 5/17/89

N

stockpile

well
head



emergency
pit

stockpile

NGC
Energy
Company

2001 Bryan Tower
Suite 953
Dallas, Texas 75201
(214) 742-2396

RECEIVED
JUN 21 1989

June 12, 1989

Dear Operator/Vendor:

NGC Energy Company has changed its' name to PG&E Resources Company and has relocated its' corporate headquarters from Concord, California to Dallas, Texas. All invoices and correspondence currently mailed to Concord, California should now be addressed to:

PG&E RESOURCES COMPANY
2001 Bryan Tower, Suite 953
Dallas, TX 75201

PG&E Resources Company's Rocky Mountain Regional office will continue to operate in Vernal, Utah. Please mail all invoices and correspondence pertaining to the Rocky Mountain region to:

PG&E RESOURCES COMPANY
85 South 200 East
Vernal, UT 84078

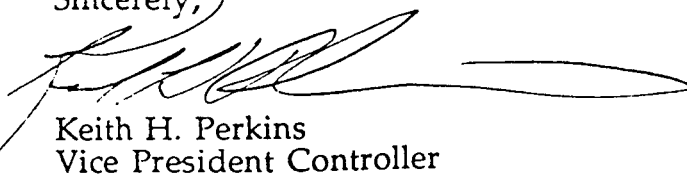
All remittances should be mailed to:

PG&E RESOURCES COMPANY
P. O. Box 840274
Dallas, Texas 75284-0274

PG&E Resources Company federal tax identifying number is 94-2882054.

Should you need any additional information, please contact Patti Sanders, Accounts Payable Supervisor.

Sincerely,


Keith H. Perkins
Vice President Controller

KHP/chs

6-06-89
NGC Energy Co : Natural Gas Corp
of CA are one in the same
company. talked w/ Mr. Perkins
he indicated both companies
should reflect the chg. NGC Co.
will send a chg. of op. from
Natural Gas Corp to NGC. JAS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-013
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-21534

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such purposes.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR PG&E Resources Company	8. FARM OR LEASE NAME Federal
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078	9. WELL NO. 11-31-I
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NW/NW 585' FNL, 585' FWL	10. FIELD AND POOL, OR WILDCAT Eight Mile Flat No.
14. PERMIT NO. 43-047-31244	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T9S, R18E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5273' GR	12. COUNTY OR PARISH Uintah
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Operator requests permission to plug and abandon the subject well in the following manner:

Set CIBP at 4350' with 50' Class "G" cement on top. Set 100' Class "G" cement in 5½" casing across 9-5/8" casing shoe from 270' - 370'. Set 100' Class "G" cement in 5½" casing at surface and 300' Class "G" cement in 5½" and 9-5/8" casing annulus at surface. Erect a regulation dryhole marker with 10 sx sackcrete and fill in around marker base to about 18". Cut deadmen 24" below surface. Minimum 9 PPG Bentonite weighted fresh water mud will be placed between all plugs.

Copies: Div. OG&M; Chorney; SGoodrich; Central Files

18. I hereby certify that the foregoing is true and correct

SIGNED A.M. Heddlow

TITLE Production Supt.

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

Federal approval of this action
is required before commencing
operations

*See Instructions on Reverse Side

OIL AND GAS	
DRN	R/F
1-JRB ✓	GLH
DTS	SLS
2-TAS ✓	
3-MICROFILM ✓	
4-FILE ✓	

ACCEPTED DATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 3-29-90
BY: John R. Bay

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-21534
2. Name of Operator PG&E Resources Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 85 South 200 East, Vernal, UT 801-789-4573	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 585' FNL, 585' FWL NW/NW Section 31, T9S, R18E	8. Well Name and No. 11-31-I Federal
	9. API Well No. 43-047-31244
	10. Field and Pool, or Exploratory Area Eight Mile Flat No.
	11. County or Parish, State Uintah, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Subject well was plugged and abandoned as follows:

- 8-7-90: Run tbg and csg scraper to 4400', circ well w/hot water till clean, set CIBP @ 4350' KB.
- 8-8-90: Placed 10 sx Class "G" cmt. on CIBP, displaced hole w/9 ppg mud, perf 5½" csg @ 2634', established circ to surface, set cmt retainer @ 2280', cmt'd thru retainer w/100 sx Class "G", left 50' cmt on retainer. Perf 5½" csg @ 1235, established circ to surface; set cmt retainer @ 1035, perf 5½" csg @ 370', cmt'd thru retainer w/60 sx Class "G", pumped 100 sx "G" down 5½" csg from surface - no returns.
- 8-9-90: Cut off csg head, mixed 60 sx "G" & filled 5½" & 9-5/8" annulus to surface, installed regulation dryhole marker.

NOTE: Well to be rehabilitated and seeded during November, 1990.

Copies: Div. Oil, Gas & Mining; Chorney; SGoodrich; Central Files

14. I hereby certify that the foregoing is true and correct

Signed <u>Mike McMan</u>	Title <u>Production Supt.</u>	Date <u>11/1/90</u>
(This space for Federal or State office use)		
Approved by _____	Title _____	Date _____
Conditions of approval, if any:		

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
Reverse Side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

ORIGIN AND SERIAL NO.

U-21534

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

11-31-I

10. FIELD AND POOL, OR WILDCAT

Eight Mile Flat No

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 31, T9S, R18E

12. COUNTY OR
PARISH
Uintah

13. STATE
Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other P&A

2. NAME OF OPERATOR

PG&E Resources Company

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, UT 84078 801-789-4573

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 585' FNL, 585' FWL NW/NW

At top prod. interval reported below

At total depth

14. PERMIT NO.

43-047-31244

DATE ISSUED

6/21/82

12. COUNTY OR
PARISH
Uintah

13. STATE
Utah

15. DATE SPUDDED 7/31/82 16. DATE T.D. REACHED 8/9/82 17. DATE COMPL. (Ready to prod.) 1/1/83 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5273' GR 19. ELEV. CASINGHEAD 5273'

20. TOTAL DEPTH, MD & TVD 5657' 21. PLUG, BACK T.D., MD & TVD 5524' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY XX 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Plugged and Abandoned 8/9/90

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-FDC-CNL-CBL 3-15-91

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	315' KB	12-1/4"	315 sx	None
5-1/2"	17#	5657'	7-7/8"	480 sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

4366-75, 4508-10, 4514-17, All 3 spf
4536-39, 4511-15, All 3 spf
2634-35 4 spf P&A holes
1235-36 4 spf P&A holes
370-371 4 spf P&A holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5311-5315	3500 gal 15% HCL, 3990 gal. 7 1/2% HCL
4508-4539	69280# 20/40 sand
4366-4375	64050# 20/40 sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
1/3/83		Pumping					Abandoned	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
2/22/83	24		→	13	15	11		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
0	25	→	13	15	11			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Used for fuel

TEST WITNESSED BY

Boyd Snow

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Mike M. Mican

TITLE Production Supt.

DATE 11/1/90

*(See Instructions and Spaces for Additional Data on Reverse Side)

March 13, 1991



State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED

MAR 15 1991

**DIVISION OF
OIL GAS & MINING**

Attn: Ms. Vicky Carney
Production Group Supervisor

RE: Federal #42-23
Sec. 23, T14S, R24E
Federal #11-31 I
Sec. 31, T9S, R18E
Uintah County, Utah

Dear Ms. Carney,

In response to your letter dated March 7, 1991, please find enclosed the requested copies of the Dual Induction, Formation Density, Compensated Neutron & Cement Bond logs on the above mentioned wells.

If additional information is needed, please advise.

Sincerely,

Brenda K. Butler
Operations, Administrative Assistant

/bkb
Enclosures

API # 43-047-31244

EA # 370-82

Form 9-583
(April 1982)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION**

Sec. 31T. 9SR. 18ESLB & Mer.

31		

INDIVIDUAL WELL RECORD

PUBLIC LAND:

Date March 30, 1983

Ref. No. _____

Land office Utah State UtahSerial No. U-21534 County UintahLessee Chorney Oil Company et al Field Pleasant ValleyOperator Natural Gas Corp. of Calif. District Salt Lake CityWell No. 11-31-I Subdivision Lot 1 (NW NW)Location 585' FNL & 585' FWLDrilling approved July 8, 1982 Well elevation 5273 GR, 5287' KB feetDrilling commenced July 31, 1982 Total depth 5657 PB 5524 feetDrilling ceased August 9, 1982 Initial production 12.8 BOPD, 15 MCEGPD,
10.8 BWPDCompleted for production Jan. 3, 1983 Gravity A. P. I. _____Abandonment approved Oct. 22, 1993 Initial R. P. CP-25#**Geologic Formations****Productive Horizons**Surface Uintah Lowest tested WasatchName Green RiverDepths 4366-5315Contents Oil, Gas, Water(selective)**WELL STATUS**

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1982							spud	TD 5657				
1983	POW											
1990								ABD				
1993										PA		

REMARKS Geologic Markers: see well fileCasing record: 9 5/8" cc @ 315' w/315 sxs.5 1/2" cc @ 5657' w/480 sxs.

NOV 16 1993

DIVISION OF
OIL GAS & MINING